

Converting Colors

YUV(109.9540, 9.8827, 3.5483)

Have a look what the booklet for
YUV(109.9540, 9.8827, 3.5483)
contains.

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Color

**YUV(109.9540, 9.8827,
3.5483)**

Conversions

Conversions Part 1

Format	Color
Hex	726882
RGB	114, 104, 130
RGB Percent	45%, 41%, 51%
CMY	0.5529, 0.5922, 0.4902
CMYK	0.12, 0.20, 0.00, 0.49
HSL	263°, 11%, 46%
HSV	263°, 20%, 51%
XYZ	15.9190, 15.0897, 23.1927
YIQ	109.9540, -2.3860, 10.2060

Conversions

Conversions Part 2

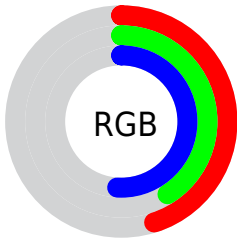
Format	Color
R_{YB}	114, 104, 130
Decimal	7497858
CIE _{Lab}	45.76, 9.42, -12.97
CIE _{LCh}	46, 16.025, 305.992
Yxy	15.0897, 0.2937, 0.2784
Android (android.graphics.Color)	4285687938 (0xFF726882)
YUV	109.9540, 9.8827, 3.5483
Hunter-Lab	38.8455, 5.1702, -8.2072

Details

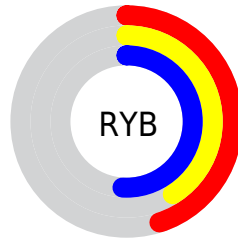
The YUV color **109.9540, 9.8827, 3.5483** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **124.0460, -9.8827, -3.5483**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4810, 10.6089, 3.9632**, and **62.4270, 9.1565, 3.1335** is the 20% darker color. If you saturate the color by 10%, you get **99.9310, 14.8240, 5.3225**, and if you desaturate by 10%, it is **119.9770, 4.9413, 1.7742**.

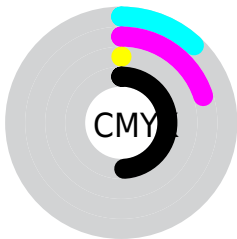
Distribution



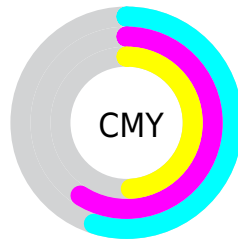
- Red (45%)
- Green (41%)
- Blue (51%)



- Red (45%)
- Yellow (41%)
- Blue (51%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.9540, 9.8827, 3.5483 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 109.9540, 9.8827, 3.5483 by changing the saturation by 10% instead.

■ 109.9540, 9.8827,
3.5483

■ 109.9540, 9.8827,
3.5483

■ 255.0000, 0.0000,
0.0000

■ 85.5410, 9.5933,
3.0335

■ 161.4810, 10.6089,
3.9632

■ 62.4270, 9.1565,
3.1335

■ 188.5950, 11.0457,
3.8632

■ 40.0140, 8.8671,
2.6187

■ 216.5950, 11.0457,
3.8632

■ 19.7860, 7.9935,
2.8187

■ 243.5260, 5.6567,
5.6777

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 109.9540, 9.8827,
3.5483

■ 109.9540, 9.8827,
3.5483

■ 99.9310, 14.8240,
5.3225

■ 119.9770, 4.9413,
1.7742

■ 89.9080, 19.7654,
7.0967

■ 130.0000, 0.0000,
0.0000

■ 79.8850, 24.7067,
8.8709

■ 140.0230, -4.9413,
-1.7742

■ 69.8620, 29.6480,
10.6450

■ 150.0460, -9.8827,
-3.5483

■ 59.8390, 34.5894,
12.4192

■ 160.0690,
-14.8240, -5.3225

■ 49.8160, 39.5307,
14.1934

■ 170.0920,
-19.7654, -7.0967

■ 39.7930, 44.4721,
15.9675


■ 180.1150,
-24.7067, -8.8709

■ 29.7700, 49.4134,

■ 190.1380,

17.7417

-29.6480, -10.6450

 200.1610,
-34.5894, -12.4192

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



108.0770, 13.2730, -10.5915



109.9540, 9.8827, 3.5483



110.6520, 4.6086, 15.2142

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



109.9540, 9.8827, 3.5483



108.8960, -12.2737, 16.7542



102.8720, 4.0071, -25.3207

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



109.9540, 9.8827, 3.5483



124.0460, -9.8827, -3.5483

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.2770, -3.5876, -16.0289



109.9540, 9.8827, 3.5483



107.4280, -12.5360, 7.5176

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



109.9540, 9.8827, 3.5483



109.6670, -8.2168, 22.2170



105.7470, -9.7353, -4.1631



102.8700, 10.4171, -27.9500

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



109.9540, 9.8827, 3.5483



110.8330, 0.0823, 20.3175



105.7470, -9.7353, -4.1631



103.1990, 1.3809, -22.9765

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



109.9540, 9.8827, 3.5483



160.3360, 3.7784, 1.4593



116.3560, 6.7265, -10.8362



79.5810, 2.1786, 1.2445



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



109.9540, 9.8827, 3.5483



137.0450, 15.2608, 5.2225



113.8410, 7.9664, 11.5404



58.6950, 2.6154, 1.1445



29.2430, 48.6872, 17.3269



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



113.5980, 3.1562, 14.3846



142.8100, 5.0237, 22.0916



120.1590, -7.9664, -11.5404



59.5490, 0.7153, 3.9035



47.1640, 15.2021, 70.8932



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.9540, 9.8827, 3.5483 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.9540, 9.8827, 3.5483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.9540, 9.8827, 3.5483

Background



This preview shows how black text looks on a background with the YUV color 109.9540, 9.8827, 3.5483.



This preview shows how white text looks on a background with the YUV color 109.9540, 9.8827,

3.5483.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

109.9540, 9.8827, 3.5483

Protanopia

108.6540, 11.5096, -4.9586

Deuteranopia

109.3340, 10.1883, -1.1699



Tritanopia

109.4070, 2.7573, 2.2741

Trichromacy



Original Color

109.9540, 9.8827, 3.5483

Protanomaly

109.1490, 10.7725, -1.8847

Deuteranomaly

109.3450, 10.1829, 0.5744

Tritanomaly

109.6890, 5.0833, 2.9037

Monochromacy



Original Color

109.9540, 9.8827, 3.5483

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9230, 3.4890, 0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9540, 9.8827, 3.5483 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(114, 104, 130)` looks like.

```
.text, #text, p{  
    color:rgb(114, 104, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(114, 104, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 104, 130) }
```

Border

The CSS property to change the border of an element to YUV 109.9540, 9.8827, 3.5483 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 104, 130) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(114, 104, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(114, 104, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 104, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 104, 130);  
box-shadow:4px 4px 4px 4px rgb(114, 104,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 109.9540, 9.8827, 3.5483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 104, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(114,  
104, 130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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